

20050328.ba v03\_n784.bam.20050328

>From ???@??? Mon Mar 28 14:30:58 2005 -0500  
Date: Mon, 28 Mar 2005 14:28:12 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3784  
Message-Id: <20050328152140.BD8E54067F@srvr1.theporch.com>

BOATANCHORS Digest 3784

Topics covered in this issue include:

- 1) Re: "Tektronix Blue" Paint  
by Henry van Cleef <vancleef@eskimo.com>
- 2) WANT please! National emblem  
by "wb6orz" <wb6orz@pacbell.net>
- 3) Re: National HRO-500  
by Edward Knobloch <k4pf@juno.com>
- 4) RE: National HRO-500  
by "Grant Youngman" <nq5t@comcast.net>
- 5) Re: KWS-1 Puzzle  
by Edward Knobloch <k4pf@juno.com>
- 6) Gluing rubber belt  
by Robert Nickels <w9ran@oneradio.net>
- 7) RE: Gluing rubber belt  
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
- 8) RE: Gluing rubber belt  
by wb3fau@att.net
- 9) WTB: Nuvistor Sockets  
by Tom Norris <r390a@bellsouth.net>
- 10) FA-8190, FA-8191  
by "Edward J White" <wa3bzt@verizon.net>
- 11) Re: Circuit Description - National HRO-600  
by wb3fau@att.net
- 12) Galaxy compressor ?  
by "Hue Miller" <kargo\_cult@msn.com>
- 13) Nuvistor Sockets Found, thanks all  
by Tom Norris <r390a@bellsouth.net>
- 14) FS: Real old radio & TV books, publications, 20's, 30's, 40's,  
50's, 60's, & 70's  
by Al Schapira <a.schapira@worldnet.att.net>
- 15) FS: Old Navy NAVPERS Electronics Training Manuals  
by Al Schapira <a.schapira@worldnet.att.net>
- 16) FS: OLD ARRL and AMECO HAM Publications, old QST's  
by Al Schapira <a.schapira@worldnet.att.net>
- 17) ADMINISTRIVIA: Posting Admin Requests  
by listown@nanniandjack.com (Mail List Owner)

18) BOOKS FOR SALE  
by JOHN.SEHRING@ecunet.org

-----  
From: Henry van Cleef <vancleef@eskimo.com>  
Message-Id: <200503270553.VAA22308@eskimo.com>  
Subject: Re: "Tektronix Blue" Paint  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sat, 26 Mar 2005 22:53:39 -0700 (MST)  
Cc: boatanchors@theporch.com (Old Tube Radios)  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The esteemed Joe Curry has said:

>  
> Gentlemen:  
>  
> I know there are some Tek veterans in the crowd. Does anyone have a favorite  
> source of Tek Blue paint, preferably in spray bottles? I'd just as soon not  
> have to go through the color match routine and have the paint made up for me  
> if possible.  
>  
> Reply to jjcurry@sbcglobal.net.  
>

Small problem here, Joe, in that "Tek blue" is not a constant. I can think of at least two or three shades that were used over the years, so you've got to match what you've got for a touch-up job.

I do have an off-the-shelf paint for doing a total repaint, which I can check out, if that is what you are doing.

Hank

--  
Hank van Cleef (vancleef@eskimo.com, hvanclee@nyx.net)  
1986 420SEL "A stranger in paradise" (Fremont Co. Wyoming)  
1986 GMC 1500 6.2 diesel pickup "Seen one, seen them all"

-----  
Message-ID: <007301c532f6\$60d20f50\$0400a8c0@Shack>  
From: "wb6orz" <wb6orz@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WANT please! National emblem  
Date: Sun, 27 Mar 2005 09:57:01 -0800  
MIME-Version: 1.0  
Content-Type: multipart/mixed;  
boundary="-----\_NextPart\_000\_006F\_01C532B3.527CC2D0"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_006F\_01C532B3.527CC2D0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=\_NextPart\_000\_006F\_01C532B3.527CC2D0--

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com  
Date: Sun, 27 Mar 2005 14:41:19 -0500  
Subject: Re: National HRO-500  
Message-ID: <20050327.144120.696.4.k4pf@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
From: Edward Knobloch <k4pf@juno.com>

Hi, Grant

The first thing to do before powering up your HRO-500 is to upgrade the Zener diode in the power supply with a higher wattage unit.

If it fails, it will take out the expensive pass transistor, and potentially a bunch of stuff downstream. I was in the room when it happened with mine, and the clue was a very overbright "fault" lamp, just before the lamp blew out!

Another hint: don't leave the HRO-500 stored with the dial lock engaged - over time, it will spread the metal tines of the dial lock mechanism, and it will stop working. I intend to try to compress the metal back its previous state, using a pair of ViseGrips, once my blood pressure returns to normal.

73,  
Ed Knobloch

On Sat, 26 Mar 2005 "Grant Youngman" <nq5t@comcast.net> writes:

>

> Don't say that!! :-)) I have an HRO-500 in the queue of items  
> waiting work.

>

-----  
From: "Grant Youngman" <nq5t@comcast.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: National HRO-500  
Date: Sun, 27 Mar 2005 14:26:12 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="US-ASCII"  
Content-Transfer-Encoding: 7bit  
Message-Id: <20050327151952.966E840577@srvr1.theporch.com>

> The first thing to do before powering up your HRO-500 is to  
> upgrade the Zener diode in the power supply with a higher  
> wattage unit.

Ed ...

Thanks for the tips.

I have powered up the radio, and it basically 'works', although synthesizer adjustment is way off in most ranges and it just doesn't work at all in others. Also have something funky going on with the mode switch, but I have not taken the time to dig into it. Haven't even had the skins off yet. It's an early (75-\* serial number) radio, with several usual suspects that need to be taken care of. I'll take your advice on that Zener, and replace it straight away if I end up working on the radio myself.

At this point I plan to have Roy Lang (<http://www.nortrex.net>) restore it for me. I already have too many half-finished projects to wrap up, including heavy mods to a Ranger II, a Globe Scout 680 that's about done, and a Hammarlund PRO-310 which I completely disassembled to R&R the tuning mechanism and is still (nearly a year later) in "kit" form (<http://www.globeking.com/pro310>) :-)

I'm somewhere on Roy's waiting list but haven't heard from him in a few months. Need to drop him a note and see if there IS still a list ... :-))

Regards ... Grant/NQ5T

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com  
Date: Sun, 27 Mar 2005 17:39:58 -0500  
Subject: Re: KWS-1 Puzzle  
Message-ID: <20050327.173959.696.5.k4pf@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
From: Edward Knobloch <k4pf@juno.com>

Hi, Gary

I would pull the VFO tube and see if you still get a signal at the Variable IF output point (J206).  
If so, your IF amplifier stage is oscillating.  
Connect a counter to J206, and see what frequency appears, it should be fairly unstable if it is a parasitic oscillation.

As the off-frequency oscillation in the IF stage increases, the desired signal energy available to be selected by the 3rd, 4th and driver stages decreases. Hence the fluctuating final grid and plate current and rf power output.

Some guys suggest detuning the variable IF tuned circuits, which track via the slug rack geared to the VFO dial, to kill an oscillating IF amplifier in the KWS-1.

I had this problem, and I had good luck adding a series 100 Ohm resistor at the grid of 6BA6 V203, plus adding an 8.2 K resistor across L233 at V203 plate. Both additions act as "Q killers."  
This got rid of the problem without the need to detune the IF.

Collins included a 47 Ohm resistor at the grid of V202 for this purpose, but skipped it at the grid of V203.

73,  
Ed Knobloch

On Fri, 25 Mar 2005 "Gary Franklin" <franklin6209@chartermi.net> writes:  
<snip>

> I have put a VTVM with RF probe  
> on all the following test ports, 250 KC injection, VFO injection,  
> XTAL  
> injection and VIF. I see nice steady voltages at the proper values  
> until I

> reach the VIF port. This port is the grid of V204 which is the  
> second mixer.  
> At this point the voltage fluctuates and gets flaky. So I think my  
> problem  
> is related to either the 1st mixer, 1st amplifier, or 2nd amplifier.  
> In  
> other words somewhere between the input (grid of V201) of the first  
> mixer  
> and the input of V204 the second mixer. I have checked/replaced  
> tubes in  
> that string with no improvement. Any thoughts??  
>

-----  
Message-ID: <42476397.5020301@oneradio.net>  
Date: Sun, 27 Mar 2005 19:53:27 -0600  
From: Robert Nickels <w9ran@oneradio.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Gluing rubber belt  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

The wisdom of this group never disappoints:

Looking for a recommended adhesive to bond a lap joint on a broken  
SX-88 timing belt since replacements aren't available. Torque is low,  
but the joint will have to flex enough to go around the 1" dia spockets.

A test using the contact-type cement that comes in tire repair kits  
seemed promising - but would appreciate any other suggestions.

Thanks and 73,  
Bob W9RAN

-----  
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Gluing rubber belt  
Date: Mon, 28 Mar 2005 12:01:16 +1000  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Message-Id: <20050327205456.7CAB0405B5@srvr1.theporch.com>

-----Original Message-----

From: Robert Nickels

Looking for a recommended adhesive to bond a lap joint on a broken SX-88 timing belt since replacements aren't available. Torque is low, but the joint will have to flex enough to go around the 1" dia spockets.

A test using the contact-type cement that comes in tire repair kits seemed promising - but would appreciate any other suggestions.

\*\*\* Any of the Cyanoacrylate "super" glues will do the job. I wouldn't use the contact type glues, over time they will stretch and let go.

Brian Goldsmith.

-----  
From: wb3fau@att.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>  
Subject: RE: Gluing rubber belt  
Date: Mon, 28 Mar 2005 03:02:05 +0000  
Message-Id:  
<032820050302.18041.424773AD00008577A00000467921604666489A0E00CC0D99@att.net>

I agree with Brian, but will offer some details. Find yourself a supplier of Loctite[brand] super glue. If possible clean up the edges to be bonded, as to make them smooth. Clean the bonding surfaces with alcohol, to remove any oil or grease residue. Apply the super glue, hold the ends together for about 1 minute. Do not get any on your hands and touch the belt! You will find fingers very difficult to remove from the belt! Let the belt just sit for a few minutes to cure, then install it. Russ.

-----  
Mime-Version: 1.0  
Message-Id: <p06210228be6d244e5b03@[10.0.1.3]>  
Date: Sun, 27 Mar 2005 21:02:58 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <r390a@bellsouth.net>  
Subject: WTB: Nuvistor Sockets  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Looking for 3 or 4 nuvistor sockets. Trying to find a use for several handfulls of 7587's I have around.

Thanks

Tom NU4G

-----  
Date: Sun, 27 Mar 2005 22:09:07 -0500  
From: "Edward J White" <wa3bzt@verizon.net>  
Subject: FA-8190, FA-8191  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <005901c53343\$82596810\$6401a8c0@wa3bzt>  
MIME-version: 1.0  
Content-type: text/plain; format=flowed; charset=iso-8859-1; reply-type=original  
Content-transfer-encoding: 7bit

Hi Gang:  
Does anybody know what the pin out on the back of FA-8190 and FA-8191 are?  
I think someone on this list works at the FAA repair place.  
Ed  
WA3BZT

-----  
From: wb3fau@att.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Sandy" <ebjr@i-55.com>  
Subject: Re: Circuit Description - National HRO-600  
Date: Mon, 28 Mar 2005 03:31:31 +0000  
Message-Id:  
<032820050331.15253.42477A930006ABCE00003B9521604666489A0E00CC0D99@att.net>

good luck Grant.

-----  
Message-ID: <BAY9-DAV280F013B9BD2E4C5CF32EDE4440@phx.gbl>  
From: "Hue Miller" <kargo\_cult@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Galaxy compressor ?  
Date: Sun, 27 Mar 2005 19:38:56 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have been shovelling junk and found a Galaxy compressor. It has 2 phone jacks in back that look added or changed from original; an AC power cord going in, and on front, OFF/ON and IN/OUT switches. NO control otherwise.  
My question, was this intended for the CB or ham



market?  
-Hue Miller

-----  
Mime-Version: 1.0  
Message-Id: <p0621022ebe6d3087386d@[10.0.1.3]>  
Date: Sun, 27 Mar 2005 21:54:55 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <r390a@bellsouth.net>  
Subject: Nuvistor Sockets Found, thanks all  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Thanks for the help, folks!

Tom NU4G

-----  
Subject: FS: Real old radio & TV books, publications, 20's, 30's, 40's,  
50's, 60's, & 70's  
From: Al Schapira <a.schapira@worldnet.att.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Content-Type: text/plain  
Message-Id: <1112023191.17685.212.camel@ADS1>  
Mime-Version: 1.0  
Date: Mon, 28 Mar 2005 10:19:51 -0500  
Content-Transfer-Encoding: 7bit

The following old radio books and publications are offered for sale.  
Prices include postage to US addresses. Check or M.O. accepted.

I can provide a picture of any item if you request it.  
Don't be reluctant to make me an offer.

Thanks for looking.

--

-Al Schapira, KC2HRH, a.schapira@worldnet.att.net

=====  
"Elements of Radio", Markus, Markus, & Horton, Second Edition, 1948,  
hardbound, 5 1/2 x 8, 751 pgs, wear on outside covers, white spot  
on front cover, otherwise very good overall. Contains both part I & II.  
This is a classic!  
\$20 post-paid.

"Electronic Devices and their Application", L.P. Anderson,  
Theo. Audel & Co, NY 1938, reprinted 1945, 5 x 6 3/4, 206 pgs, black  
embossed leather-like semi-hard binding, gold title on spine,  
slightly yellowing edges, otherwise good condition. Includes

many diagrams and photographs.  
\$10 post-paid.

"Service Parts Directory for RCA Victor TV Receivers", 1950,  
40 staple-bound 11 x 17 pages, folded in half to 8 1/2 x 11.  
Contains schematics and parts lists for approx 58 RCA TV models  
from 1946 - 1950.  
\$15 post-paid.

"Radio Operating Questions and Answers", Arthur R. Nilson (USN)  
& J. L. Hornung (NYU), 1936, Sixth Ed, Seventh Impression, McGraw Hill,  
hardbound, 5 1/2 x 8, 447 pgs, previous owners names written inside  
front cover otherwise perfect. Over 600 detailed Q&A on radio theory  
and practice. Includes many diagrams and schematics.  
\$15 post-paid.

"Electricity and Magnetism", Norman E. Gilbert (Dartmouth), 1932,  
MacMillan Co., hardbound, 6x9, 548 pgs, owners name and "7/16/34"  
written in ink inside front cover, good condition.  
Back cover embossed "Complementary Professional Copy".  
\$15 post-paid.

"Drakes Electrical and Radio Dictionary", Compiled by Harold P.  
Manly, 1942, Frederick J. Drake & Co., hardbound, 6x8, no page numbers,  
est. 300 pgs, some water stains inside front and rear covers,  
discarded from Newark NJ Public Library, good condition.  
Alphabetically organized sections, includes many diagrams.  
\$15 post-paid.

"Electronics for Everybody", Ronald Benrey, Popular Science, Harper &  
Row, 1970, 5 1/2 x 8 1/2, 317 pgs, original paper jacket slightly  
frayed, includes lots of pictures circa 1970, very good condition.  
\$10 post-paid.

"Television Service Manual", Edwin P Anderson, revised by Robert G.  
Middleton, Theo. Audel & Co., 1969, Third Edition, Fourth printing,  
1972, hardbound, 5 1/2 x 8 1/2, 535 pgs. Library call number "Ref  
621.388 A" on spine, stamped DISCARDED inside covers and on top and  
bottom edges, otherwise very good condition.  
\$12 post-paid.

"Modern Manual and Guide for TV Servicing", Harvey F. Swearer, Parker  
Publishing, NY, 1975, softcover, paper front and back cover, plastic  
spiral bound, 6 1/2 x 9, 240 pgs. Previous owners name and office and  
11/11/77 written on inside title page, front cover has minor 1/4" tear,  
otherwise very good.  
\$10 post-paid.

(1922 IRE) "The Institute of Radio Engineers" -- 'Report of the Committee on Standardization for 1922' -- 'Definition of Terms Standard Graphical Symbols' Copyright 1923 The Institute of Radio Engineers College of the City of New York, New York City, softcover, 6x9, 24 pgs, unmarked, 1/4" x 1/2" diagonal corner missing from lower right of cover. \$10 post-paid.

(1924 NRI) "Lesson 1 of a Complete Course in Radio Telegraphy and Telephony", Tenth Edition, Copyright by National Radio Institute, Inc, Washington, D.C., 6x9, 64 pgs, softcover, covered with brown paper by original owner, perfect inside.  
\$10 post-paid. \$15 post-paid for both this and Lesson 2, below.

(1924 NRI) "Lesson 2 of a Complete Course in Radio Telegraphy and Telephony" --'Electrical Units and Circuits, The Electric Current, Switches, Insulators, Conductors and Circuit Breakers', Tenth Edition, Copyright by National Radio Institute, Inc, Washington, D.C., 6x9, 59 pgs, softcover, covered with brown paper by original owner, perfect inside.  
\$10 post-paid. \$15 post-paid for both this and Lesson 1, above.

(1947 National Board of Fire Underwriters)  
"1947 National Electrical Code", 'NBFU Pamphlet No. 70', softcover, 4x6, 384 pgs, cover and contents yellowing, but in tact, original owners name written on cover.  
\$5 post-paid.

=====

-----  
Subject: FS: Old Navy NAVPERS Electronics Training Manuals  
From: Al Schapira <a.schapira@worldnet.att.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Content-Type: text/plain  
Message-Id: <1112023585.17685.215.camel@ADS1>  
Mime-Version: 1.0  
Date: Mon, 28 Mar 2005 10:26:25 -0500  
Content-Transfer-Encoding: 7bit

For sale: Old Navy electronics training manuals. All softcover.  
Postage to US addresses is INCLUDED in the price.  
\$10 each, or \$30 for all 4 books. Check or M.O. accepted.

I can provide a picture of any item if you request it.  
Don't be reluctant to make me an offer.

Thanks for looking.

-Al Schapira, KC2HRH, a.schapira@worldnet.att.net

=====

NAVPERS 10087 "Basic Electronics", 1955, 728 pgs, 5 x 7 3/4, faded spline, otherwise good condition. \$10 shipped

NAVPERS 10086 "Basic Electricity", 1956, 684 pgs, 5" x 7 3/4", slightly faded cover, otherwise good. \$10 shipped

NAVPERS 10086-A "Basic Electricity", 1960, 448 pgs, 8" x 10 1/4", worn cover, otherwise good. \$10 shipped

NAVPERS 10547-B "Electricians Mate 1 & C", 1968, 196 pgs, 8" x 10 1/4", \$10 shipped

=====

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Subject: FS: OLD ARRL and AMECO HAM Publications, old QST's  
From: Al Schapira <a.schapira@worldnet.att.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Content-Type: text/plain  
Message-Id: <1112024959.17685.235.camel@ADS1>  
Mime-Version: 1.0  
Date: Mon, 28 Mar 2005 10:49:20 -0500  
Content-Transfer-Encoding: 7bit

The publications below are offered for \$6 each post-paid to US addresses.  
Three or more are \$5 each. Six or more are \$4 each.  
Check or M.O. accepted.

I can provide a picture of any item if you request it.  
Don't be reluctant to make me an offer.

Thanks for looking.

-Al Schapira, KC2HRH, a.schapira@worldnet.att.net

=====

Old ARRL HAM Radio Publications

"Specialized Communication Techniques for the Radio Amateur", 1975, 208 pgs, "#124" written in ball point under price on cover, otherwise perfect. Includes overview, ATV, SSTV, Facsimile, RTTY, Space, others.

"Single Sideband for the Radio Amateur", 1958, 212 pgs, back cover missing, spline and binding worn, outside fair condition,

inside pages very good condition.

"How to become a Radio Amateur", 1968, 94 pgs + ads, front cover has 2" tear, slightly faded, outside overall good condition, inside very good.

"How to become a Radio Amateur", 1974, 84 pgs + ads, slightly yellowed pages, oil stain lower inner 2" on all pages, otherwise good condition.

"A Course in Radio Fundamentals", 1960, 103 pgs, very good condition.

"The Radio Amateur's License Manual", 1961, 83 pgs + ads, front cover and spine quite worn, back cover missing, overall fair condition.

"The Radio Amateur's License Manual", 1976, 120 pgs, slightly faded covers, overall good condition.

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#### Old QST Magazines

QST, October, 1944, 104 pgs, slight wear on spine, overall good condition

QST, September, 1975, 168 pgs, very good condition.  
ARRL National Convention Issue.

QST, January, 1976, 136 pgs, small (1/2") tear on edge of cover, overall good condition

QST, December, 1977, 188 pgs, good condition

QST, September, 1980, 180 pgs, good condition

QST, November, 1986, 164 pgs, good condition

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#### Old AMECO Publications

Ameco, "Radio Amateur Q&A License Guide", 1956, 32 pgs, good condition

Ameco, "Novice Class Radio Amateur License Guide", 1980, 32 pgs, very good condition

Ameco, "General Class Radio Amateur License Guide", 1980, 64 pgs, very good condition

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From: listtown@nanniandjack.com (Mail List Owner)

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: Posting Admin Requests  
Date: Mon, 28 Mar 2005 11:15:00 -0800 (PST)  
Message-Id: <20050328191500.414821497E@osr506.nanniandjack.com>

Gang-

Please accept this periodic posting as it is intended:  
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@nanniandjack.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is \*especially\* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE \*especially\* not from the list, which is delivered as "Bulk!"

PLEASE treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@nanniandjack.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -  
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"  
Mon Mar 28 11:15:00 PST 2005

-----  
Date: Mon, 28 Mar 2005 15:22:27 -0500 (EST)  
Message-Id: <200503282022.j2SKMRiC454578@wine.ecunet.org>

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOOKS FOR SALE  
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Books for sale:

1. "Radiotron Designer's Handbook" 3rd ed., edited by F. Langford Smith, The Wireless Press pub (printed in Australia for RCA), 1941 (4th impression), 351 pp, hc, close to good condition (slight water stain on outside & inside corner of cover). A filamentarian classic! \$25.
2. "Fundamentals of Radio", by Jordon, Nelson, Osterbrook, Pumphrey, Smeby, and Everitt (editor), Prentice Hall, 1941, 400 pp., hc. Chapters: Mathematics of radio; D.C. Circuits; A.C. Circuits; Electronic Principles; Rectified Power Supplies; Sound and Its Electrical Transmission; Audio Amplifiers; Vacuum Tube Instruments; Electromagnetic Waves Transmission of Signals by Radio; Radio Frequency Amplifiers and Detectors; Amplitude Modulation Transmitters [includes illus. & schematic of RCA Type 1-K 1kW broadcast transmitter]; Amplitude Modulation Radio Receivers Frequency Modulation; Radio Wave Propagation; Radio Antennas; Index. Cover is in fair (faded) condition; inside of back cover has student scribbles; wrinkling of pages (probably from moisture) but perfectly readable. \$18.
3. "Radar--What It Is: An easily understood explanation -- How it did its job", by Rider (Lt.Col, Signal Corps) & G.C. Baxter Rowe, Rider Pub., 1946, large format soft-cover, 71 pp. Fair-good condition, some water stains on cover but perfectly readable. This is a fascinating (and quaint) look at basics of radar, with some design & theory info, its uses in WWII, and what it was what like to be there using this equipment during the war. Table of Contents: Underlying principles of radar; the basic radar set; antennas & indicators; how ground troops used radar; how radar is used at sea; how the air forces used radar; radar, IFF & counter-measures; the future of radar. Illustrated. Yes, this is co-authored by \_the\_ John F. Rider. \$15.
4. "Electromagnetic Theory", by Julius A. Stratton, McGraw-Hill, 1941, 615 pp., hc. An advanced undergraduate physics textbook, part of the "International Series in Pure and Applied Physics" series. Fair cover condition (faded), inside is good. Chapters: The field equations; Stress and energy; The electrostatic Field; The magnetostatic field; Plane waves in unbounded, isotropic media; Cylindrical waves; Spherical waves;

Radiation; Boundary-value problems; Appendices I to IV.

\$150.

No, the price listed is NOT a typo! This book is considered a rare & useful classic. Stratton had an extraordinary and long career at MIT. Here's a sample of what others have to say about the book:

"This excellent text covers a years course in advanced theoretical electromagnetism, first introducing theory, then its application. Topics include D and H vectors inside matter, conservation laws for energy, momentum, invariance, form invariance, covariance in special relativity and more.

"The book is a very comprehensive reference on electromagnetic theory, particularly as applied to macroscopic systems.

"What it really distinguishes this book is it explains the crucial issues necessary to understand the real physical concepts behind the electromagnetic theory. For instance, the explanation why  $1/\sqrt{\epsilon\mu}$  gives the velocity of wave, check any book: it will give the typical statement, "mathematical consequences". The coverage is superb when it comes to the field source and in the subsequent chapters relating it to the boundary conditions. For engineers, this book is not a textbook, it is a book you read to establish a substantially strong background to analyze any electromagnetic problem. For a physicist, it is essential textbook to understand E-M theory. Unfortunately, it is out of print. I hope every one who knows of this fabulous book or wants to have it to sends an email to the editor of the IEEE series on Electromagnetic Wave Theory, to have it reprinted.

4. "Ultra High Frequency Techniques", Brainerd (ed.), Koehler, Reich, Woodruff, D. VanNostrand pub., 1942, 546 pp, hc. Overall condition is fair; outer spine cover is coming off. Due to war shortages & the pressing need to educate armed forces personnel in electronics, this book is rough-draft-printed (not typeset). The book was used at the Naval Training School to train electronics officers at Harvard during WWII. Chapters: Linear circuit Chapters: analysis; fundamentals of tubes & power supplies; amplification; trigger circuits (gates), pulse-sharpening circuits & oscillators; cathode-ray tubes and circuits [e.g schematic of a DuMont 208 is included]; modulation; demodulation; radio receivers; transmitters; ultra-high-frequency generators; transmission lines; radiation; propagation; hollow wave guides; laboratory manual [describes E-M experiments]; bibliography & index to bibliography; index. \$22.



5. "Allied/Radio Shack Modern Dictionary of Electronics", R. Graf, Howard Sams Pub, 1968, 590 pp., sc. \$6.
6. "Electronic Shortcuts for Hobbyists: 24 simplified crystal diode applications for the home hobbyist, experimenter and model maker", Sylvania Electric Products Inc. pub, 1951, 35 pp., sc. \$3.
7. "Solid State Projects from Motorola", 2nd Ed., 1968, 68 pp., sc. \$4.
8. "A Modern Transistor Workbook: Schematics and data for building 50 projects using latest solid state devices", Radio Shack, #62-2025, (pub. date unknown, maybe around 1960?), 80 pp., sc. \$4.
9. "101 Electronic Projects for Under \$15", A Science & Mechanics Electronic Handbook, 1974, 112 pp., sc. \$5.
10. "RCA Solid State Hobby Circuits Manual", HM-90, 1968, 224 pp., sc. \$6.
11. "Transistor, Thyristor and Diode Manual", RCA, Technical Series SC-15, 1971, 768 pp., sc. \$6.
12. "5 Minute Electronic Projects", by Len Buckwalter, Sams Pub, 1973, 96 pp., sc. \$4.
13. Allied Electronics 1971 Industrial Catalog #710, 614 pp., sc, fair condition. \$2.
14. "I.C. Electrician 2, Navy Training Courses, NAVPERS 10556", 1955, Chapters: Organization; I.C. and A.C.O Switchboards; Electronic Power Supplies; Electron Tube Amplifiers; Oscillators; Electronic Test Equipment; Alarm and Warning Systems; Sound and sound equipment; Announcing and intercommunicating systems; Sound recording & reproducing systems; Sound motion picture systems; Dial telephone systems; gyrocompass errors; Gyrocompasses; Ship control order and indicating systems; Appendices I & II. Soft cover, 560 pp, good-excellent. This is as close as some of us can get to being on board a naval vessel, circa 1955! \$15.
15. (Non-ham) "The Grumman F-14 Tomcat" by James Perry Stevenson, Aero Series #25, pub. Aero Publishers, 1975, 104 pp, sc. This is a very detailed technical look at the F-14, which is still in service. Chapters: History of Development; Physical &

Aerodynamic Characteristics; Weapons Systems; Mission; Notes; Appendices; Index. Richly illustrated. A wonderful book about the early F-14's, with an incredible amount of technical information, so much data that back in 1975 (when the book was published) it caused quite a stir in the Grumman Publications Department, where none could figure out how the author obtained so much information. Great fun for armchair fighter jocks like me! \$15.

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All prices plus postage. I will give priority in selection to those who buy multiples.

-John Sehring (Mon, Mar 28, 2005, 1:45 pm) Dell Rapids SD - UCC - WB0EQ  
"Live long and prosper." -John 10.10b (adapted)

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End of BOATANCHORS Digest 3784

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